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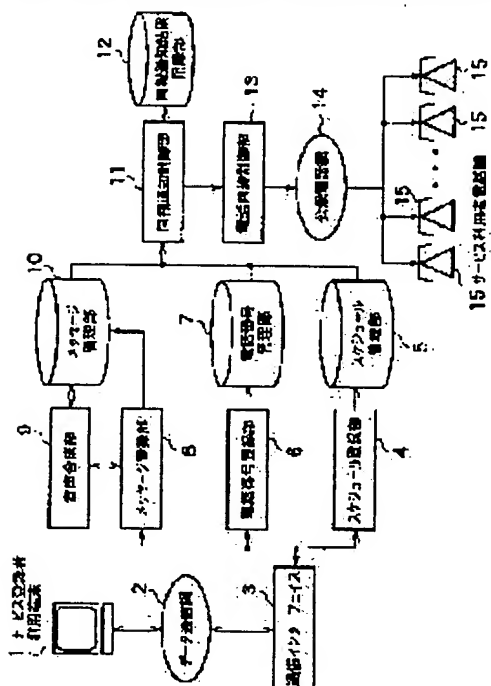
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(54) VOICE MESSAGE BROADCASTING DEVICE



(57)Abstract:

PROBLEM TO BE SOLVED: To provide a voice message broadcasting device capable of instantaneously informing of the arrival of a voice message so as not to damage the prompt report of the message and checking the transmission of the message information.

SOLUTION: When a broadcasting message including broadcasting text data or voice data, a broadcasting destination telephone number and broadcasting date information which are transmitted from a service register using terminal 1 are received by a communication network interface 3 through a data communication network 2 and stored in the interface 3 and synthetic voice data obtained by synthesizing the broadcasting text data by a voice synthesizing part 9 and the broadcasting message are stored as a broadcasting voice file, a broadcasting

control part 11 monitors the broadcasting date information, and when it arrives at the broadcasting date, calls the broadcasting destination telephone number to call the broadcasting destination, reproduces the broadcasting voice file and broadcasts the reproduced file to the broadcasting destination as a voice message.

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CLAIMS

[Claim(s)]

[Claim 1] The multiple address informative message containing the text data or voice data which is transmitted through a communication network from the service registrant use terminal using a multiple address interception of calls service and which should give a multiple address notice, The notice place telephone number of the multiple address of the partner who should give the multiple address notice of this multiple address informative message, and a receiving means to receive the notice time information of the multiple address which should give the multiple address notice of said multiple address informative message, A speech synthesis means to synthesize voice from text data among the multiple address informative messages which received with said receiving means, and to generate synthetic voice data, A message management means to accumulate the synthetic voice data generated with the multiple address informative message which received with said receiving means, and said speech synthesis means as a notice voice file of the multiple address, The telephone number management tool which accumulates the notice place telephone number of the multiple address received with said receiving means, A time information management means to accumulate the notice time information of the multiple address received with said receiving means, When having supervised the notice time information of the multiple address accumulated in said time information management means, and having become the notice time of the multiple address concerned is detected, while reading the notice voice file of the multiple address accumulated in said message management means Carry out call origination to the notice place telephone number of the multiple address accumulated in said telephone number management tool, and the notice place of the multiple address is called. Notice equipment of the voice-told message multiple address characterized by having the notice control means of the multiple address controlled to reproduce said notice voice file of the multiple address as a voice-told message at this called notice place of the multiple address, and to give a multiple address notice.

[Claim 2] The notice equipment of the voice-told message multiple address according to claim 1 which carries out [having the audition control means which controls to synthesize voice from the multiple address informative message accumulated in said message-management means with said speech-synthesis means, to return a service registrant use terminal through a communication network as a synthetic voice-told message, and to make a service registrant try listening when said receiving means receives the audition demand information transmitted through a communication network from said service registrant use terminal, and] as the description.

[Claim 3] Said notice control means of the multiple address edits and processes the voice data received and accumulated with the synthetic voice data generated and accumulated and said receiving means with said speech synthesis means. An edit processing means to create the notice voice file of the multiple address in which both data were intermingled, And notice equipment of the voice-told message multiple address according to claim 1 characterized by having the control means controlled to send out to the notice place of the multiple address by making the notice voice file of the multiple address in which both this created data

was intermingled into a voice-told message.

[Claim 4] As a result of having notified the voice-told message to the notice place of the multiple address by control of said notice control means of the multiple address An inquiry information-sending means to send out the inquiry information which asks whether the voice-told message reached the notice place of the multiple address, and was heard accurately to the notice place of the multiple address, And the thing for which the notice place of the multiple address was not able to be reached based on the response of the notice place of the multiple address to this inquiry information, Notice equipment of the voice-told message multiple address according to claim 1 characterized by having a decision means to judge a situation including not having been accurately heard in spite of having reached having reached the notice place of the multiple address and having been heard accurately, and the notice place of the multiple address.

[Claim 5] Notice equipment of the voice-told message multiple address according to claim 1 characterized by having a notice means of the multiple address the instance which controls said notice control means of the multiple address to give immediately the multiple address notice of the notice voice file of the multiple address accumulated in the message management means when said notice time information of the multiple address is current time.

DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Field of the Invention] This invention relates to the notice equipment of the voice-told message multiple address which offers the voice-told message multiple address interception of calls service which sends out the notice voice data of the multiple address as a voice-told message at the appointed time of day, and gives a multiple address notice to the registered notice place telephone number of the multiple address.

[0002]

[Description of the Prior Art] Although the multiple address interception of calls service is conventionally put in practical use about facsimile etc., what distributes a voice-told message to two or more destinations is not realized conventionally. Moreover, service that carry out call origination of the service whose service system receives the call from many and unspecified users from a service system side to many and unspecified users although much mode of processing is realized, and it notifies a voice-told message is not realized conventionally. Furthermore, the device which notifies the voice-told message beforehand registered into the specified time of day is not realized conventionally, either.

[0003]

[Problem(s) to be Solved by the Invention] Although there is service notified to a user as a conventional multiple address interception of calls service by making text information, such as an electronic mail and facsimile, into a message at the specified time of day The text information in this case is the strong information on the inclination chiefly accumulated in a user's communication equipment, a computer, etc. There is nothing that can notify a user of the message having arrived immediately, and the information

transmitted depending on the case is left for a while, while it had been accumulated, and it has the problem that it is not perused immediately.

[0004] Therefore, although the message arrived, since a user does not notice the arrival for the information considered that news flash nature is important, either, there is a problem that the news flash nature of a message is spoiled.

[0005] Moreover, there is a problem that the user (addressee) who should receive a message cannot receive a message immediately, or the addresser of a message cannot grasp which addressee heard the message by use of text information even if it is the service which notifies many and unspecified users of the same message at the specified time of day.

[0006] furthermore, the user who should receive when performing a message notification to many and unspecified users and arrival-of-the-mail places are a call service or communication equipment, such as an answering machine talk and facsimile, -- he also has the problem that a voice-told message does not arrive.

[0007] This invention was made in view of the above, and the place made into the purpose is to offer the notice equipment of the voice-told message multiple address which can perform the confirmation of receipt of a message notification while it can notify immediately that the voice-told message arrived to the notice place of the multiple address so that the news flash nature of a message may not be spoiled.

[0008]

[Means for Solving the Problem] In order to attain the above-mentioned purpose, this invention according to claim 1 The multiple address informative message containing the text data or voice data which is transmitted through a communication network from the service registrant use terminal using a multiple address interception of calls service and which should give a multiple address notice, The notice place telephone number of the multiple address of the partner who should give the multiple address notice of this multiple address informative message, and a receiving means to receive the notice time information of the multiple address which should give the multiple address notice of said multiple address informative message, A speech synthesis means to synthesize voice from text data among the multiple address informative messages which received with said receiving means, and to generate synthetic voice data, A message management means to accumulate the synthetic voice data generated with the multiple address informative message which received with said receiving means, and said speech synthesis means as a notice voice file of the multiple address, The telephone number management tool which accumulates the notice place telephone number of the multiple address received with said receiving means, A time information management means to accumulate the notice time information of the multiple address received with said receiving means, When having supervised the notice time information of the multiple address accumulated in said time information management means, and having become the notice time of the multiple address concerned is detected, while reading the notice voice file of the multiple address accumulated in said message management means Call origination is carried out to the notice place telephone number of the multiple address accumulated in said telephone number management tool, and the notice place of the multiple address is called and let it be a summary to have the notice control means of the multiple address controlled to reproduce said notice voice file of the multiple address as a voice-told message at this called notice place of the multiple address, and to give a multiple address notice.

[0009] If it is in this invention according to claim 1 and the multiple address informative message containing the notice text data of the multiple address or voice data inputted from the service registrant use terminal, the notice place telephone number of the multiple address, and the notice time information of the multiple address are received. While accumulating the synthetic voice data and the multiple address informative message which synthesized voice from the notice text data of the multiple address as a notice voice file of the multiple address. Moreover, when it is detected that also accumulated the notice place telephone number of the multiple address and the notice time information of the multiple address, respectively, they supervised this accumulated notice time information of the multiple address, and became the notice time of the multiple address concerned, while reading the notice voice file of the multiple address. In order to carry out call origination to the notice place telephone number of the multiple address accumulated, to call the notice place of the multiple address, to reproduce the notice voice file of the multiple address as a voice-told message at this notice place of the multiple address and to give a multiple address notice, Carry out call origination to many and unspecified users who are the notice time of the multiple address of the arbitration inputted from the service registrant use terminal, and the notice place of the multiple address of arbitration, and it calls to them. this call appearance -- the bottom -- the notice place of the multiple address -- the multiple address informative message of arbitration -- as a voice-told message -- it can send out -- the notice place of the multiple address -- the call of a telephone -- instance -- and a voice-told message can be received certainly and news flash nature can be improved.

[0010] Moreover, when this invention according to claim 2 receives the audition demand information transmitted through a communication network from said service registrant use terminal with said receiving means in invention according to claim 1, It synthesizes voice from the multiple address informative message accumulated in said message management means with said speech synthesis means, and a service registrant use terminal is returned through a communication network as a synthetic voice-told message, and let it be a summary to have the audition control means controlled to make a service registrant try listening.

[0011] If it is in this invention according to claim 2, it synthesizes voice from the multiple address informative message accumulated to the audition demand information from a service registrant use terminal, and since a service registrant use terminal can be returned and can be made to try listening through a communication network as a synthetic voice-told message, a service registrant can check the contents of the multiple address informative message which self registered.

[0012] This invention according to claim 3 is set to invention according to claim 1. Furthermore, said notice control means of the multiple address. The voice data received and accumulated with the synthetic voice data generated and accumulated with said speech synthesis means and said receiving means is edited and processed. Let it be a summary to have an edit processing means to create the notice voice file of the multiple address in which both data were intermingled, and the control means controlled to send out to the notice place of the multiple address by making the notice voice file of the multiple address in which both this created data was intermingled into a voice-told message.

[0013] If it is in this invention according to claim 3, edit processing of synthetic voice data and the voice data is carried out, and the notice voice file of the multiple address in which both data were intermingled can be created, and it can send out to the notice place of the multiple address by making into a voice-told message

the notice voice file of the multiple address in which both this data was intermingled.

[0014] In invention according to claim 1, this invention according to claim 4 as a result of having notified the voice-told message to the notice place of the multiple address by control of said notice control means of the multiple address An inquiry information-sending means to send out the inquiry information which asks whether the voice-told message reached the notice place of the multiple address, and was heard accurately to the notice place of the multiple address, And the thing for which the notice place of the multiple address was not able to be reached based on the response of the notice place of the multiple address to this inquiry information, In spite of having reached having reached the notice place of the multiple address and having been heard accurately, and the notice place of the multiple address, let it be a summary to have a decision means to judge a situation including not having been heard accurately.

[0015] If it is in this invention according to claim 4, the inquiry information which asks the result of having notified the voice-told message is sent out to the notice place of the multiple address. Since it can judge whether the notice place of the multiple address was not able to be reached, or the notice place of the multiple address was reached, and it was heard accurately, or it was not accurately heard in spite of having reached the notice place of the multiple address, A voice-told message can grasp accurately to which notice place of the multiple address it was notified accurately.

[0016] Moreover, in invention according to claim 1, this invention according to claim 5 makes it a summary to have a notice means of the multiple address the instance which controls said notice control means of the multiple address to give immediately the multiple address notice of the notice voice file of the multiple address accumulated in the message management means, when said notice time information of the multiple address is current time.

[0017] If it is in this invention according to claim 5, when the notice time information of the multiple address is current time, the multiple address notice of the notice voice file of the multiple address is given immediately.

[0018]

[Embodiment of the Invention] Hereafter, the gestalt of operation of this invention is explained using a drawing. Drawing 1 is the block diagram showing the configuration of the notice equipment of the voice-told message multiple address concerning 1 operation gestalt of this invention. The notice equipment of the voice-told message multiple address shown in this drawing is equipment which offers the voice-told message multiple address interception of calls service which sends out the notice voice data of the multiple address as a voice-told message at the appointed time of day, and gives a multiple address notice to the registered notice place telephone number of the multiple address, and the service registrant use terminal 1 which is the computer terminal which uses when the registrant of this multiple address interception of calls service registers is connected through a data-communication network 2, and it has the communication network interface 3 which receives the various information from the service registrant use terminal 1. In addition, the notice time information of the multiple address which should give the multiple address notice of the notice place telephone number of the multiple address of the partner who should give the multiple address notice of the multiple address informative message containing the text data or voice data which should give a multiple address notice, and this multiple address informative message, and this multiple address informative message is in the various information received from the service registrant use terminal 1, i.e., the various

information which the service registrant use terminal 1 transmits.

[0019] Moreover, the schedule registration section 4, the telephone number Management Department 6, and the message registration section 8 are connected to the communication network interface 3. The schedule registration section 4 accumulates reception and this notice time information of the multiple address for the notice time information of the multiple address in the schedule Management Department 5 for every registration service from the communication network interface 3 among the various information received from the service registrant use terminal 1 through the communication network interface 3.

[0020] The telephone number Management Department 6 accumulates reception and this notice place telephone number of the multiple address for the notice place telephone number of the multiple address in the telephone number Management Department 7 for every registration service from the communication network interface 3 among the various information received from the service registrant use terminal 1 through the communication network interface 3.

[0021] The message registration section 8 receives the multiple address informative message containing the text data or voice data which should give a multiple address notice among the various information received from the service registrant use terminal 1 through the communication network interface 3, and accumulates this multiple address informative message in the message management section 10 for every registration service. Moreover, among the multiple address informative messages which received in the message registration section 8, the speech synthesis section 9 is supplied, it synthesizes voice, and text data is accumulated in the message management section 10 for every registration service as synthetic voice data. In addition, in the message management section 10, voice data of the multiple address informative messages and synthetic voice data from the speech synthesis section 9 are considered as the notice voice file of the multiple address, and are accumulated for every registration service.

[0022] Although it connects with the notice control section 11 of the multiple address, the schedule Management Department 5, the telephone number Management Department 7, and the message management section 10 If it detects that the notice control section 11 of the multiple address supervised the notice time information of the multiple address accumulated in the schedule Management Department 5, always judged whether this notice time of the multiple address became, and became the notice time of the multiple address concerned While setting up the notice voice file of the multiple address accumulated in the message management section 10 as a notice voice-told message of the multiple address The notice place telephone number of the multiple address accumulated in the telephone number Management Department 7 is read, and the telephone-line control section 13 is required to carry out call origination to this notice place telephone number of the multiple address through a public telephone network 14. Call origination of the telephone-line control section 13 is carried out to a public telephone network 14, it calls the service user telephone 15 which is a notice place of the multiple address through a public telephone network 14, and sends out the notice voice-told message of the multiple address to the service user telephone 15 of this called notice place of the multiple address as a notice of the multiple address. A service user can hear the notice voice-told message of the multiple address by answering by the service user telephone 15.

[0023] Moreover, if the notice control section 11 of the multiple address gives the multiple address notice of the multiple address informative message in this way at the notice place of the multiple address, it will record

this notice result of the multiple address on the notice result Records Department 12 of the multiple address. As an example of these contents of record, the notice place telephone number list of the multiple address, the notice voice file name of the multiple address, Although (3) arrival was carried out that the notice place telephone number of (2) multiple addresses was busy, or when (1) service user heard the contents of the notice voice file of the multiple address to the notice processing monitor time of day of the multiple address, and each notice place telephone number of the multiple address, and a message was not able to be received in the reason of not existing Devices, such as an answering machine talk, or service serves as an arrival-of-the-mail place, and distinction when the service user itself is not able to hear the contents of the notice voice file of the multiple address etc. can be recorded now for every registration service.

[0024] Next, an operation of the notice equipment of the voice-told message multiple address constituted as mentioned above is explained. First, the service registrant use terminal 1 explains registration of a voice-told message multiple address interception of calls service. When a service registrant inputs the notice time information of the multiple address which is the text data for voice-told messages, voice data, the notice place telephone number of the multiple address, and a notice opportunity of the multiple address from the service registrant use terminal 1, it will be transmitted to the communication network interface 3 through the data communication network 2, and such information will be registered into this notice equipment of the voice-told message multiple address.

[0025] In registration of the information in such a service registrant use terminal 1, the homepage screen for service registrants as shown in the service registrant use terminal 1 at drawing 2 is offered. On this homepage screen, a service registrant can input a text to give a multiple address notice from the service registrant use terminal 1 into the notice message-text input column of the multiple address shown by 21. And it can try listening the result which synthesized voice from the inputted message text by carrying out the depression of the text audition carbon button 22 after the input of a text.

[0026] In the service registrant use terminal 1, a service registrant can try listening the voice which synthesized voice from the message text by this audition processing synthesizing voice from the notice message text of the multiple address which was transmitted from the service registrant use terminal 1, and was accumulated in the message management section 10 in the speech synthesis section 9, and transmitting this synthesized speech to the service registrant use terminal 1 through the communication network interface 3 and the data communication network 2 from the message registration section 8.

[0027] Moreover, on the homepage screen shown in drawing 2, the notice place telephone number of the multiple address inputted from the service registrant use terminal 1 can be displayed on the notice place telephone number input column 23, this display can be seen, and the notice place telephone number of the multiple address can be checked now.

[0028] Moreover, the notice processing of the multiple address may specify time as the case where the multiple address notice of the multiple address informative message inputted from the service registrant use terminal 1 is given immediately, and may give the multiple address notice of the multiple address informative message in this specified time.

[0029] By carrying out the depression of the carbon button which performs the notice of the multiple address the instance shown by 29 in drawing 2 of "notifying immediately now", when performing notice processing of

the multiple address immediately The notice message text of the multiple address inputted into the multiple address informative-message input column 21 of drawing 2 , With reference to the notice voice file of the multiple address accumulated in the message management section 10 the notice place telephone number of the multiple address inputted into the notice place telephone number input column 23, and if needed, notice processing of the multiple address is performed immediately.

[0030] In addition, when it is required that the notice of the multiple address should be performed immediately, what is necessary is just to register current time into the schedule Management Department 5 as notice time of the multiple address, and the notice of the multiple address is immediately carried out by the comparison of current time by which the notice control section 11 of the multiple address was registered into this schedule Management Department 5.

[0031] moreover, in specifying time and performing notice processing of the multiple address By choosing desired time from the selection column which specifies days-and-months time of day as shown in 24, 25, 26, and 27 in drawing 2 After specifying the time of activation of the notice of the multiple address, by carrying out the depression of the notice reservation carbon button 28 The inputted message text, the notice place telephone number of the multiple address, and notice time information are transmitted to the message registration section 8, the telephone number Management Department 6, and the schedule registration section 4 through the data communication network 2 and the communication network interface 3 from the service registrant use terminal 1, respectively. Furthermore, it will be accumulated in the message management section 10, the telephone number Management Department 7, and the schedule Management Department 5.

[0032] Moreover, the notice control section 11 of the multiple address edits and processes the synthetic voice data from which it synthesizes voice in the speech synthesis section 9 and which is accumulated in the message management section 10, and the voice data accumulated in the message management section 10 through the message registration section 8. The notice voice file of the multiple address in which this synthetic voice data and the voice data of a voice were intermingled is created, and it is constituted also so that it can send out to the notice place of the multiple address by making the notice voice file of the multiple address in which both this created data was intermingled into a voice-told message.

[0033] Next, with reference to the flow chart shown in drawing 3 , an operation of the notice equipment of the voice-told message multiple address of this operation gestalt is explained.

[0034] While the service registrant who wants to perform the notice of the multiple address looks at the homepage screen for service registrants as shown in drawing 2 with which the service registrant use terminal 1 was provided The notice text data of the multiple address and the notice place telephone number of the multiple address are inputted into the notice message-text input column 21 of the multiple address, and the notice place telephone number input column 23 of the multiple address, respectively. and to perform the notice of the multiple address immediately To push the carbon button 29 on a screen "notified immediately now", and give a multiple address notice instance not in the notice of the multiple address but in desired assignment time While inputting assignment time into the assignment time assignment carbon buttons 24, 25, 26, and 27 When the depression of the "notice reservation" carbon button 28 is carried out, each of such inputted information will be transmitted to the communication network interface 3 of the notice equipment of

the voice-told message multiple address through the data communication network 2 from the service registrant use terminal 1. In addition, in the notice of the multiple address, current time will be inputted as assignment time information instance.

[0035] If each information from the service registrant use terminal 1 is received, the communication network interface 3 The notice time information of the multiple address is accumulated in the schedule Management Department 5 through the schedule registration section 4 among such information. Accumulate the notice place telephone number of the multiple address in the telephone number Management Department 7 through the telephone number Management Department 6, supply the notice text data of the multiple address to the speech synthesis section 9 through the message registration section 8, and it synthesizes voice from the notice text data of the multiple address here. It accumulates in the message management section 10 as a notice synthesized speech file of the multiple address. In addition, when the communication network interface 3 receives voice data as a multiple address informative message, this voice data is accumulated in the message management section 10 as a notice voice file of the multiple address through the message registration section 3.

[0036] Thus, if the notice time information of the multiple address transmitted from the service registrant use terminal 1, the notice place telephone number of the multiple address, and the notice voice file of the multiple address are received and each is accumulated in the schedule Management Department 5, the telephone number Management Department 7, and the message management section 10, the notice control section 11 of the multiple address monitors continuously whether the notice time information of the multiple address accumulated in the schedule Management Department 5 was read, and current time became the notice time of the multiple address. If it detects that the notice time of the multiple address accumulated in the schedule Management Department 5 became equal to current time as a result of this monitor, while reading the notice voice file of the multiple address accumulated in the message management section 10, the notice place telephone number of the multiple address accumulated in the telephone number Management Department 7 is required of the telephone-line control section 13 as calling and receiving a message. When call origination of the telephone-line control section 13 was carried out to the public telephone network 14 (step S11 of drawing 3), the service user telephone 15 of the notice place telephone number of the multiple address was called through the public telephone network 14 and the service user telephone 15 of the notice place of the multiple address answered, it detects whether a message was received (step S13). That the notice place of the multiple address is busy, for example, or when it does not answer by the reason of the telephone number not existing, therefore arrival of the mail cannot be detected, it records on arrival-of-the-mail impossible and the notice result Records Department 12 of the multiple address (step S33), and processing is ended.

[0037] moreover -- the case where arrival of the mail is detected when the service user telephone 15 of the notice place of the multiple address answered -- for example, -- "-- this is message notification service. I tell a message. The service guidance message " is sent out (step S15). And the notice voice file of the multiple address read from the message management section 10 is reproduced to the service user telephone 15 of this notice place of the multiple address that received a message, for example, he is Okada of "Administrative Division. A voice-told message like this week Thursday --" is sent out (step S17).

[0038] Next, the contents check DTMF acquisition message of the notice of the multiple address is

reproduced (step S19). this message -- concrete -- for example, -- "-- it checks whether you have heard the message to tell. Please input 1 and #, if you hear a message. When you hear a message once again, please input 2 and #. It is the thing of the contents ", and after sending out this message to the notice place of the multiple address, it will be in the state waiting for DTMF acquisition.

[0039] If the service user of the service user telephone 15 which is a notice place of the multiple address hears this contents check DTMF acquisition message of the notice of the multiple address, when "1" is inputted by DTMF within predetermined time amount according to this message, by the notice place of the multiple address, (step S21) and a multiple address informative message will judge with what was heard accurately, will record this purport on the notice result Records Department 12 of the multiple address (step S29), and will end processing. In addition, when it is checked that the multiple address informative message had been accurately heard in this way by the notice place of the multiple address, as shown to drawing 2 in 30, "those with an informative-message listening check" is marked.

[0040] Moreover, when "2" is inputted by DTMF, the actuation after sending out of return and the notice voice-told message of the multiple address is repeated to (step S23) and step S17, and is performed to them. When other signals are inputted as DTMF, reinput of return and right DTMF is repeated to (step S25) and step S19, and is made to perform to them. Furthermore, since the service user telephones 15 of the notice place of the multiple address are communication equipment, such as for example, an answering machine talk, for example and such a device answered, when a service user cannot hear a multiple address informative message and cannot acquire DTMF within predetermined time amount as a result, (step S27) multiple address informative-message non-** is recorded on the notice result Records Department 12 of the multiple address as a DTMF acquisition error (step S31), and processing is ended.

[0041]

[Effect of the Invention] The multiple address informative message which contains the notice text data of the multiple address or voice data inputted from the service registrant use terminal according to this invention as explained above, While receiving the notice place telephone number of the multiple address, and the notice time information of the multiple address and accumulating, respectively Accumulate the synthetic voice data and the multiple address informative message which synthesized voice from the notice text data of the multiple address as a notice voice file of the multiple address, and the notice time of the multiple address is supervised. Since call origination is carried out to the notice place telephone number of the multiple address, the notice place of the multiple address is called, the notice voice file of the multiple address is reproduced as a voice-told message at this notice place of the multiple address and a multiple address notice is given when it becomes the notice time of the multiple address Carry out call origination to many and unspecified users who are the notice time of the multiple address of the arbitration inputted from the service registrant use terminal, and the notice place of the multiple address of arbitration, and it calls to them. The multiple address informative message of arbitration can be sent out to this called notice place of the multiple address as a voice-told message, and the notice place of the multiple address can receive a voice-told message instantly and certainly by the call of a telephone, and can improve news flash nature.

[0042] Moreover, since according to this invention it synthesizes voice from the multiple address informative message accumulated to the audition demand information from a service registrant use terminal, and a

service registrant use terminal can be returned and can be made to try listening through a communication network, a service registrant can check the contents of the multiple address informative message which self registered.

[0043] Furthermore, according to this invention, the inquiry information which asks the result of having notified the voice-told message is sent out to the notice place of the multiple address. Since it can judge whether the notice place of the multiple address was not able to be reached, or the notice place of the multiple address was reached, and it was heard accurately, or it was not accurately heard in spite of having reached the notice place of the multiple address A voice-told message can grasp accurately to which notice place of the multiple address it was notified accurately.

DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is the block diagram showing the configuration of the notice equipment of the voice-told message multiple address concerning 1 operation gestalt of this invention.

[Drawing 2] It is drawing showing the homepage screen for service registrants with which the service registrant use terminal in the operation gestalt shown in drawing 1 is provided.

[Drawing 3] It is the flow chart which shows an operation of the operation gestalt shown in drawing 1 .

[Description of Notations]

- 1 Service Registrant Use Terminal
 - 2 Data Communication Network
 - 3 Communication Network Interface
 - 5 Schedule Management Department
 - 7 Telephone Number Management Department
 - 8 Message Registration Section
 - 9 Speech Synthesis Section
 - 10 Message Management Section
 - 11 Notice Control Section of Multiple Address
 - 12 Notice Result Records Department of Multiple Address
 - 13 Telephone-Line Control Section
 - 14 Public Telephone Network
 - 15 Service User Telephone
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[Translation done.]